

Approved by AICTE & PCI New Delhi, Recognized by the Government of Maharashtra, 2F,12B recognition by UGC, Affiliated to Savitribai Phule Pune University

Accredited by NAAC with A Grade

### Index

| Name of the Project/<br>Endowments, Chairs   | Name of the<br>Principal<br>Investigator/C<br>o-investigator | Year of<br>Award | Amount<br>Sanctioned<br>(Rs.)                                  | Name of<br>the<br>Funding<br>Agency                           | Type<br>(Government/non-<br>Government) | Proof       |
|--|--|------------------|--|---|---|-------------|
| Design and development (Synthesis and evaluation of biological activity of potential anticancer agents containing curcumin using pharmacophore optimization by molecular modeling studies. | Dr. S.V.<br>Bhandari   | 2020-21          | 1313333.00   | AICTE<br>RPS  | Government                              | <u>View</u> |
| Pharmacokinetic biodistribution and toxicity studies of nanoparticulates containing anticancer formulation   | Dr S V Tembhurne and Dr. M C Damle                           | 2020-21          | 86560.00  Pending amt. <b>Rs.15980.00</b> received in  2020-21 | Dhairyashe<br>el Ghadge,<br>Bharati<br>Vidhyapith<br>Kolhapur | Non-Government                          | <u>View</u> |



### Dr. Shashikant Bhandari

### ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

#### **RPS - Sanction Letter**

File No. 8-120/FDC/RPS (POLICY-1) /2019-20

Date: 14 Aug 2020

The Drawing and Disbursing Officer All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

Sub: Release of a sum of Rs.1313338/- being the 1st installment of the total grant of Rs.1333333/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2020-21.

Sir,
With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of
Rs.1313333/- (Rupees Thirteen Lakh Thirteen Thousand Three Hundred Thirty Three Only) as 1st installment out of a total
approved grant-in-aid of Rs.1333333/- for conduct of a Project under the Research Promotion Scheme (RPS), as per details
given below:-

| 1,  | Name and address of the Beneficiary<br>Institution<br>(University / College / Institution) | :   | Registrar / Director / Principal, AISSMS College of Pharmacy, Pune, Maharashtra-411001   |
|-----|--|-----|--|
| 11. | Principal Investigator's Name & Dept./Course   | : ( | Dr. Shashikant Bhandari<br>(Pharmacy)  |
| 111 | Grant-in-aid Sanctioned  | :   | Rs.1333333 / (Rs. 1133333/- for non-recurring and Rs.200000 /- for recurring expenditure)  |
| IV. | Amount to be Released during the year 2019-20 (as 1st installment)                         | :   | Rs. 1333333/= Full amount of non-recurring & Rs. 180000/-90 % of recurring sanctioned)   |
| V.  | Project Duration   | :   | 3 Years  |
| VI. | Title of the Project   | :   | Design and Development (synthesis and evaluation of biological activity of potential anticancer agents containing Curcumin using the pharmacophore optimization by molecular modeling studies. |

### I. Release of funds:

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of AISSMS College of Pharmacy, Pune, Maharashtra-411001 through RTGS/PMFS.
- 2. The sanctioned grant-in-aid is debitable to the Major Head "601.12.a (RPS Plan)" Gen. and is valid for payment during the financial year 2020-21.
- 3. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
- The grant-in-aid is being released in conformity with the Terms & Conditions as well as norms of the scheme as already communicated and also being communicated in this letter.

### II. Maintenance of account by the Institute/PI:

- Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount
  of interest accrued on the grant.
- 2. The grant is intended to cover items of expenditure/equipment approved by AICTE.
- 3. Acknowledgement of receipt of grant and letter of acceptance of terms and conditions is to be submitted to AICTE within 15 days from the receipt of the grant to the following address:

Director (Faculty Development Cell), AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

- 4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
- 5. The Principal and PI of the institute are requested to verify the correctness of the undermentioned bank account/RTGS/PFMS details submitted by them alongwith the Proposal, in which the grant is being released. In case of any omission, the same should be reported to AICTE immediately along with refund of entire grant: -

|           | stitute<br>n No. | Bank<br>Name      | Bank Branch  | Bank Branch Add.             | Account<br>Name | Holder | Account<br>Type   | Account Number | IFSC Code   |
|-----------|------------------|-------------------|--------------|------------------------------|-----------------|--------|-------------------|----------------|-------------|
| AA<br>751 | ATA16<br>P       | Bank of<br>Baroda | Shivajinagar | J.M. Road, Pune-<br>411005 . | Principal       |        | Saving<br>Account | 04510100017272 | BARBOSHIPOO |

- 6. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/Government of India from time to time. Grantee institution must follow GFR guidelines in procuring the sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
- Interest accrued on the sanctioned grant-in-aid will be reported and refunded to AICTE and not adjusted against the subsequent installment.

#### III. General Instructions:

- It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before
  utilizing this amount and the matter be brought to the notice of this Council immediately in case a faculty is sanctioned
  multiple RPS Projects.
- 2. The duration of Project is 03 years and the date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Registrar/Director/Principal shall intimate about the receipt of the grant to AICTE. Any Expenditure, incurred prior to issuance of this Sanction Order, would not allowed to be adjusted in the grant and if the University/Institution do not take-up the project work within 6 months of the receipt of the grant, approval shall ipso facto lapse and the Institute has to necessarily refund the entire grant to AICTE along with interest within a month. In case the grant is not refunded within said duration 18% interest will be levied on it. The grant has to be refunded to AICTE, through RTGS as per details given below:

| Account Number             | 55113199952                        |
|----------------------------|------------------------------------|
| Name of the Account Holder | Member Secretary, AICTE, New Delhi |
| Bank Name                  | State Bank of India                |
| Branch Name                | Shashtri Bhawan, New Delhi         |
| IFSC Code                  | SBIN0050203                        |

- 3. The Institute may constitute a Project Monitoring Committee (PMC). The composition of the PMC shall be as under:
  - i. Principal/Director of the institution (Chairperson)
  - ii. Two HODs from institute (Members)
  - iii. In case of private institute one subject expert from government institute, not below the rank of Associate Professor (Member)
  - iv. Coordinator of the project (Member Secretary)
- 4. The grant shall be utilized strictly for the purpose as specified in the sanction letter. Re-appropriation of funds from one Head to another is strictly not permitted viz. Recurring and non-recurring Heads. Further, the equipment(s)/item(s) purchased should be as per the specifications and individual item-wise costs sanctioned by AICTE, and not taking the total grant sanctioned as one entity. Item-wise purchase cost shall be matched with the sanctioned cost, and the cost of item purchased below the sanction cost shall be restricted as actual cost. If the item purchase cost is higher than its sanctioned cost, the cost shall be restricted to the sanctioned cost and the additional amount shall be met by the Institute from its own resources.
- 5. Similarly, the recurring grant shall be used for the items sanctioned by the AICTE. No money be used for going abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant.

- 6. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
- 7. The institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.
- 8. The grantee shall utilize grants only on approved items as per list of equipment attached. However, if the grantee wishes to recast the Project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India. The revised proposal should be within the total grant sanctioned and duly supported with reasons and recommendations of the Project Monitoring Committee (PMC).
- 9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.
- 10. Each project sanctioned by AICTE is assigned a specific Reference Number, which is given on pre-page. All correspondence address to AICTE regarding the project must quote this number alongwith year of sanction of the project, otherwise correspondence may not be entertained.
- 11. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

### IV. Submission of documents by the institute/PI to AICTE:

### A. Documents to be submitted within one month of completion of each financial year:

- i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
- ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
- iii. Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
- iv. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
- v. Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

### B. Documents to be submitted within two month of completion of the Project:

- i. The consolidated Utilization Certificate (UC) and Receipt & Payment Account for the Project duration, duly audited.
- ii. Consolidated audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
- iii. Project Completion Report duly signed & stamped by the PI & Head of the institution and Project Evaluation Committee (PEC) Members.
- iv. Principal Investigator/institute to submit the Feed Back Form in AICTE format.
- v. The prescribed formats for submission of necessary mandatory documents and Terms & Conditions may please be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

Note: Any deviation from the above said time schedule will cause serious action against the institute.

# Approved list of items under Non-recurring grant:

|        | // www.mennecall  | No. of Units | Amount recommended   |
|--------|---|--------------|--|
| S. No. | Approved Item (As per proposal)   |              |  |
| Α.     | Non-recurring   | 1            |  |
| i)     | Various chemotherapeutic agents in single, in combination and in conjunction with surgery, radiotherapy and immunotherapy are used widely for the treatment of variety of neoplastic diseases. Many chemotherapeutic approaches to the range of |              | Rs.1133333/-   |
|        | diseases that f   |              | Rs.180000/-  |
| В.     | Recurring (i.e. 90% of total approved recurring grant) for Contingencies & Consumables only   |              | Rs.1313333/-   |
|        | Grand Total (A)+(B)   |              | And the state of t |

- Registrar/Director/Principal, AISSMS College of Pharmacy, Pune, Maharashtra\_411001
- Name of Principal Investigator,
   Dr. Shashikant Bhandari,
   AISSMS College of Pharmacy,
   Pune, Maharashtra-411001
- Office of Director General of Audit General Revenues, AGCR Building I.P. Estate, New Delhi-110002.
- 4. Guard File

(Col. B. Venkat) Director (FDC)

2 1 AUG 2020

## **Dharyashil Ghadge**

(Enclosed with Application)

C

# AISSMS College of Pharmacy (B.Pharm)

Kennedy Road, Near R.T.O., Pune - 411 001.

| nh. | llan  | ı No |    |
|-----|-------|------|----|
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1039

Date: 29 / 6/ / 2020

Amount credited on A/C No.: 04510200000882 in the BANK OF BARODA, Shivajinagar, Pune - 5

Received from Mr./Miss Dhangshil Cahadge

| Particulars                           | Amount Rs.   |
|---------------------------------------|--------------|
| 1) Interim Fee                        |              |
| 2) Application Form Fees              |              |
| 3) Development Fees                   |              |
| 4) Tuition Fees                       |              |
| 5) Misc. & University Charges         |              |
| 6) Caution Money Deposit              |              |
| 7) Journal Fees                       |              |
| 8) University / Board Eligibility Fee |              |
| 9) EVS Fee                            |              |
| 10) Student Activity Fee              |              |
| 11) Insurance Fee                     |              |
| Eligibility Fee                       |              |
| Other Fee                             | 60 1         |
| 14) Porjed fee                        | ) 0,000 / /  |
| 15) CPEFT - 600078611673)             |              |
| 16)                                   |              |
| TOTAL Rs                              | . 50,0001-   |
| Total in words Rupees FIFTY           | thousand and |

Checked By COLLEGE OF

Accept the amo

Deposited By

# ALL INDIA SHRI SHIVAJI MEMORIAL SOCIET **COLLEGE OF PHARMACY**

Kennedy Road, Near R.T.O. Pune-411001

College of Pharmacy Date. 12

Ref. No. COP/PN/2019-20/ 1 7 2

Date:

To.

Hon. Secretary

All India Shri Shivaji Memorial Society.

Shivaji Nagar, Pune-411005

Sub: - Submission of proposal of continuation research project for approval with request to waive-off Society processing charges and Infrastructure utility fees.

Date

### Respected Sir,

Please find enclosed research proposal titled, "Pharmacokinetic, Biodistribution and Toxicity Studies of Nanoparticulate Containing Anticancer Formulations" for continuation of work under outside Research Project (Format B) for your approval.

Previously candidate has deposited Rs. 65100/- (05/07/2017) and Rs. 40,000/- (08/03/2019) for above said research project work, but he wanted to perform some additional studies at our college (Proposal enclosed). However this is continuation work the candidate has requested us to waive off the Society processing charges and Infrastructure utility fees.

You are requested to permit continuation work of research project and waive off the Society processing charges and Infrastructure utility fees, as per the request by the candidate. Thanking You.

Dr. S. V. Tembhurne & Dr. Mrs. M.C. Damle

Mr. M.M. Chopane

(Chief Investigator)

Accountant

Dr. Ashwini R. Madgulkar

Principal

AISSMS College of Pharmacy Pung-1

Protocol for research project for additional studies; 2. Approved sanctioned research

project; 3. Payment receipt

To, Hon. Secretary All India Shri Shivaji Memorial Society, Shivaji Nagar, Pune- 411005

Sub: Submission of proposal of continuation research project for approval with request to waive-off Society processing charges and Infrastructure utility fees.

Respected Sir,

Please find enclosed research proposal titled, "Pharmacokinetic, Biodistribution and Toxicity Studies of Nanoparticulate Containing Anticancer Formulations." under Category outside Research Project (Format B) for your approval. You are requested to permit continuation work of project sanctioned in 2017 and waive off the Society processing charges and Infrastructure utility fees, as per the request by the candidate.

Thanking You.

Dr. S.V. Temblurne & Dr. Mrs. M.C. Damle

(Chief Investigator)

(Project Co-ordinator)

Dr. Ashwini R. Madgulkar (Principal)

To,
The Principal,
AISSMS College of Pharmacy,
Kennedy Road, Near R.T.O., Pune-411001.

Subject: Permission to do continuation self-supported research project.

Respected Madam,

I the undersigned would like to continue to perform self-supported research project under the guidance of Dr. S. V. Temblurne from Pharmacology Department and Dr. Mrs. M.C. Damle from Quality Assurance Department. The duly filled format has been enclosed for your kind information and approval.

I will be obliged, if you consider my /our request to <u>waive-off</u> Society processing charges and Infrastructure utility fees and permit me for the same.

Thanking you.

Yours sincerely (Name and signature of Students)

# PROTOCOL FOR OUT SIDE INSTITUTE RESEARCH PROJECT (Format-B)

Name of Applicant: Mr. Dharyashil Ghadge

Complete postal address: Bharati Vidyapeeth's College Pharmacy Kolhapur

Title of Project: Pharmacokinetic, Biodistribution and Toxicity Studies of Nanoparticulate

Containing Anticancer Formulations.

Proposed duration of Project: 03 Months

**Ref. No. and date of application through proper channel**: Permission for continuation of work for proposal of Mr. Dharyashil Ghadge Ref. no. COP/PN/2017-18/52-4 dated 05/07/2017.

Proposed Expenditure: Eighty six thousand five hundred sixty only.

| Sr. | Parameter                                     | Amount   |  |
|-----|---|----------|--|
| No. |   |          |  |
| 1.  | Infrastructure utility fees. (10% of actuals) | Wave off |  |
| 2.  | Society processing fees. (10% of actuals)     | Wave off |  |
| 3.  | Staff remuneration (20% of actuals)           | 12760/-  |  |
| 4.  | Expertise charges                             | 10,000/- |  |
| 4.  | Total cost of actuals.                        | 63,800/- |  |
|     | Grand Total                                   | 86,560/- |  |

DETAILS OF ACTUALS

Details of consumables required for the project:

| Sr. | Item(Consumables)   | Cost     |
|-----|---|----------|
| No. |   |          |
| 1   | Chemicals   | 10,000/- |
| 2   | Chemical, Anesthesia, Stationary, Sanitizers and Sterile<br>Disposables e.g. Syringes, tubes, mask, gloves and wide moth<br>bottles, sterile cotton, Appendoff, EDTA and Plain tubes,<br>Heparin injection etc. | 13,000/- |
| 3   | Animals   | 21,800/- |
| 4   | HPLC charges (Rs. 100 per inj. *190 Injections)   | 19,000/- |
|     | Grand Total   | 63,800/- |

(Name and Signature of Chief Investigator)

\* Cost of consumables shall be calculated using standard catalogue.

Dro. 3. V. Tembrune

(Accountant sign)

Mecule

### UNDERTAKING

I undersigned hereby take responsibility of the project titled, "Pharmacokinetic, Biodistribution and Toxicity Studies of Nanoparticulate Containing Anticancer Formulations." to be conducted between

01 Feb 2020 to 30 April 2020

We will ensure that the chemical usage will not exceed the quantity mentioned on page 2. I also assure you that the project will be carried out after regular academic schedule and I will remain present during the project work.

Dr. S.V. Tembhurne, Department of Pharmacology, AISSMS COP Pune
Dr. Mrs. M.C. Damle, Department of Quality Assurance, AISSMS COP Pune
(Name and signature of Chief Investigators)

### SANCTION CERTIFICATE

I hereby grant permission for undertaking the project titled, "Pharmacokinetic, Biodistribution and Toxicity Studies of Nanoparticulate Containing Anticancer Formulations."

(Hon. Secretary, AISSMS Pune)

All India Shri Shivaji Memorial Society

### POST APPROVAL DETAILS

Details of Payment: Rs. 86,660) - Paid, NEFT - 000076611673

Challan No. with Date: 1039 . dt 29/01/2020

Amount: Paid Rs 50,000/-

(Kindly enclose Xerox copies of Application and Challan)

The requisite formalities have been completed and verified by the undersigned.

(Name and signature of Project -Coordinator)